

Technical Data Sheet (UPDATED 27 APRIL 2015)

Some AFN viewers in the Pacific who migrated to the new Korea-Sat 5 satellite are reporting that they are receiving a substandard signal. We very much regret this, and we're doing something about it. If you live off-base in Japan, Korea or the Philippines and receive AFN TV from satellite, making a few easy decoder setting changes will improve signal quality. The second step to improve your signal quality is to have a minimum size satellite dish of 80 centimeters.

All off-base AFN TV viewers in Japan, Korea or the Philippines need to make these decoder setting changes now through May 29.

All viewers currently receiving AFN while serving with a land-based unit in the Central Pacific to Thailand via the IS-19 C-band satellite must make the changes outlined below between May 1-29. If you currently receive AFN while serving with a land-based unit in the Central Pacific to Thailand via the IS-19 C-band satellite, we have a different solution that will reduce the chances of weather caused signal interruption. We strongly suggest you call our 24/7 Help Desk now so that one of our highly trained experienced technicians can give you the best course of action for your location and circumstances. You can reach them at DSN 312-348-1339 or U.S. commercial 951-413-2339 or email them at sathelpdma@mail.mil.

Here are the two satellites impacted, and their technical specifications:

1. SATELLITE CURRENTLY SERVING AMERICAN VIEWERS LIVING IN JAPAN, KOREA AND THE PHILLIPINES KOREA-Sat 5

MAKE THESE CHANGES NOW-29 May:

NEW TECHNICAL SPECIFICATIONS

Korea-Sat 5, 113 ° East
TR: FSS17
Uplink: 14.338 GHz, HP
Downlink: 12.590 GHz, VP
L-Band/LO Freq: 1990/10.6
53.61 dBW EIRP
Network ID: 18
Symbol Rate: 28.0 MS/s

If you do not currently have a signal, minimum satellite dish size to get signal lock is 80 centimeters. An 80 centimeter dish or larger will improve signal lock for viewers in all parts of Japan and Korea, but if you currently get an adequate signal lock with a smaller dish, there is no need to change.

2. THE SATELLITE CURRENTLY SERVING LAND-BASED UNITS FROM THE CENTRAL PACIFIC TO THAILAND IS IS-19. BETWEEN MAY 1-29th, YOU NEED TO REALIGN YOUR DISH AND CHANGE DECODER SETTINGS TO THE IS-18 (C-Band) SATELLITE.

CHANGE TO THESE TECHNICAL SPECIFICATIONS BETWEEN MAY 1-29. YOU COULD CHANGE BEFORE MAY 1, BUT ONLY DO THIS AFTER CALLING OUR 24/7 HELP DESK.

NEW TECHNICAL SPECIFICATIONS:

IS-18, 180 ° East

TR:NH1C LHCP/RHCP

Downlink: 3753.25 MHz

Symbol Rate: 28.0000 MSymbols/sec

FEC: $\frac{3}{4}$

Network ID: 19

The site www.dishpointer.com can help.

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